



# Missouri Department of Health and Senior Services

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010

**Richard C. Dunn**  
Director



**Bob Holden**  
Governor

**TO:** Missouri Local Public Health Agencies, Missouri U.S. Influenza Sentinel Surveillance Physicians, and Stakeholders

**FROM:** Libby A. Landrum, R.N., M.S.N., Influenza Coordinator  
Section for Communicable Disease Prevention, Prevention and Care Programs

Eden Dietle, Health Program Representative II  
Office of Surveillance

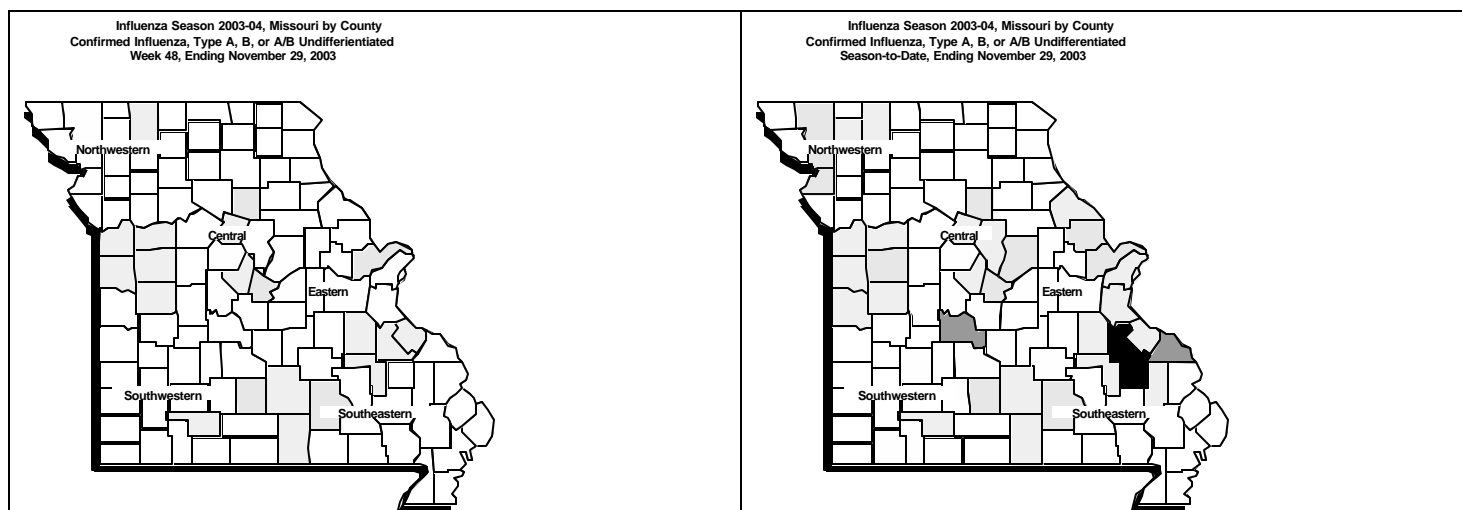
**SUBJECT:** Weekly Missouri Influenza Report, 2003-2004 Season  
(All data in this report are provisional and may change as reports are updated.)

**DATE:** December 3, 2003

**Missouri is reporting "local influenza activity" to the CDC for Week 48.** (Influenza activity codes are reported to CDC each Friday.)

| Reported Laboratory-Confirmed Cases by Sub-type<br>For the Week Ending November 29, 2003 (Week 48) |                  |             |             |           |                                |            |
|--|------------------|-------------|-------------|-----------|--------------------------------|------------|
| Serogroups   | A<br>(non-typed) | A<br>(H3N2) | A<br>(H1N1) | B         | A or B<br>Untyped (rapid test) | Total      |
| <b>Week 48</b>   | <b>73</b>        | <b>3</b>    | <b>0</b>    | <b>3</b>  | <b>280</b>                     | <b>359</b> |
| <b>Season-to-Date*</b>   | <b>270</b>       | <b>7</b>    | <b>0</b>    | <b>17</b> | <b>622</b>                     | <b>916</b> |

\*The influenza season begins with week 40 (week ending October 4, 2003) and ends with week 20 (week ending May 15, 2004).



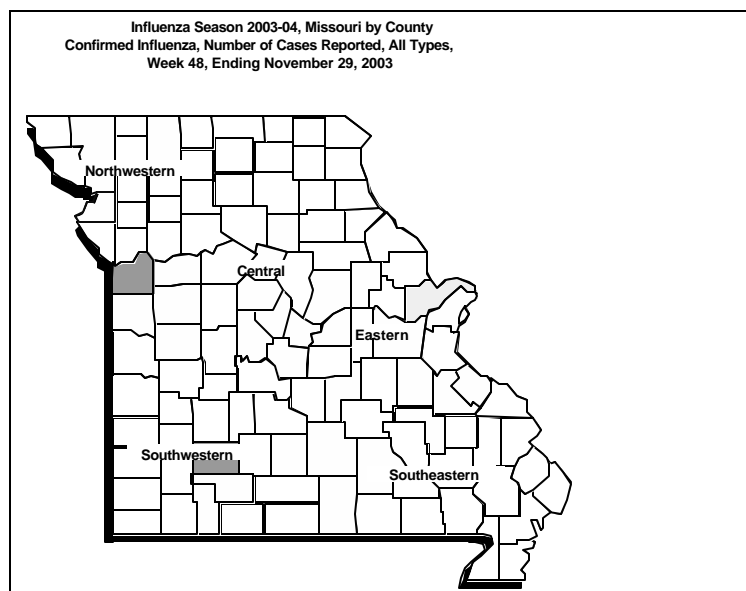
|                                     |               |                                     |                   |
|-------------------------------------|---------------|-------------------------------------|-------------------|
| <input type="checkbox"/>            | A and Untyped | <input type="checkbox"/>            | A only            |
| <input checked="" type="checkbox"/> | B and Untyped | <input checked="" type="checkbox"/> | B only            |
| <input type="checkbox"/>            | Untyped       | <input type="checkbox"/>            | A , B and Untyped |

|                                     |               |                                     |                   |
|-------------------------------------|---------------|-------------------------------------|-------------------|
| <input type="checkbox"/>            | A and Untyped | <input type="checkbox"/>            | A only            |
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| <input type="checkbox"/>            | Untyped       | <input type="checkbox"/>            | A , B and Untyped |

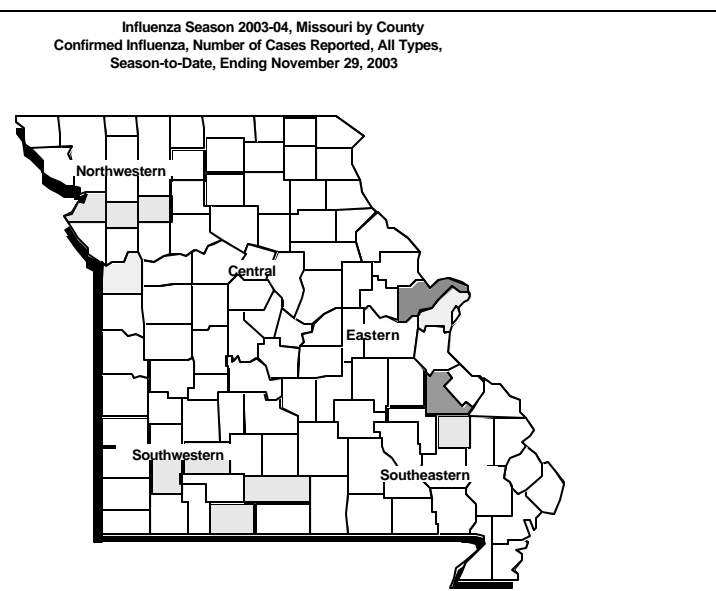
[www.dhss.state.mo.us](http://www.dhss.state.mo.us)

The Missouri Department of Health and Senior Services protects and promotes quality of life and health for all Missourians by developing and implementing programs and systems that provide: information and education, effective regulation and oversight, quality services, and surveillance of diseases and conditions.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.



|  |          |  |           |
|--|----------|--|-----------|
|  | 1 - 25   |  | 101 - 200 |
|  | 26 - 50  |  | 201 - 300 |
|  | 51 - 100 |  | 300 +     |



|  |          |  |           |
|--|----------|--|-----------|
|  | 1 - 25   |  | 101 - 200 |
|  | 26 - 50  |  | 201 - 300 |
|  | 51 - 100 |  | 300 +     |

### Clusters/Outbreaks of Influenza-like Illness

For the Week Ending November 29, 2003 (Week 48)

| Health District                              | Central | Eastern | NW | SE | SW | Season<br>-to-<br>Date<br>03-04 | Season<br>-to -<br>Date<br>02-03 | Last<br>Year<br>Season<br>Total<br>02-03 |
|--|---------|---------|----|----|----|---------------------------------|----------------------------------|--|
| School Closings                              | 0       | 0       | 0  | 0  | 1  | 1                               | 1                                | 205                                      |
| Community Outbreaks                          | 0       | 0       | 0  | 0  | 0  | 0                               | 0                                | 4  |
| Long Term Care or<br>Institutional Outbreaks | 0       | 0       | 0  | 0  | 0  | 1                               | 2                                | 3  |
| Other Outbreaks                              | 0       | 0       | 0  | 0  | 0  | 0                               | 0                                | 0  |
| Season-to-Date                               | 0       | 0       | 1  | 0  | 1  | 2                               | 3                                | 212                                      |

### Pneumonia and Influenza (P&I) Deaths

For the Week Ending November 22, 2003 (Week 47)\*

| Week 47 | Season-to-Date | Week 47 Last Season | 10 Year Weekly Median |
|---------|----------------|---------------------|-----------------------|
| 66      | 551            | 27                  | 26*                   |

\* Prior to 1999, P&I data were collected from week 46 through week 17; therefore, the ten-year median will be noted only during those weeks.

\*Beginning in week 35 of 2003, the numbers of P&I deaths may show increases based on a new system of retrieval that now includes all contributing causes of death from death certificates.

| <b>U.S. Influenza Sentinel Physicians Surveillance Network (US ISPSN)</b>           |                     |                      |                    |  |                                |                        |
|---|---------------------|----------------------|--------------------|--|--------------------------------|------------------------|
| <b>Influenza-like Illness (ILI) for the Week Ending November 22, 2003 (Week 47)</b> |                     |                      |                    |  |                                |                        |
| <b>Age<br/>0-4</b>  | <b>Age<br/>5-24</b> | <b>Age<br/>25-64</b> | <b>Age<br/>65+</b> | <b>Total<br/>ILI<br/>Patients Seen</b> | <b>Total<br/>Patients Seen</b> | <b>Percent<br/>ILI</b> |
| <b>9</b>  | <b>22</b>           | <b>5</b>             | <b>1</b>           | <b>37</b>                              | <b>3,164</b>                   | <b>1.16%*</b>          |

\* This percentage is below the national baseline of 2.5%.

| <b>Respiratory Specimens Submitted to SPHL for Viral Testing</b> |                           |                            |  |                         |                         |                          |   |
|--|---------------------------|----------------------------|--|-------------------------|-------------------------|--------------------------|---|
| <b>For the Week Ending November 29, 2003 (Week 48)</b>           |                           |                            |  |                         |                         |                          |   |
|  | <b>Positive Specimens</b> |                            |  |                         |                         |                          | <b>Total<br/>Number<br/>Specimens<br/>Submitted</b> |
|  | <b>Influenza</b>          | <b>Para-<br/>influenza</b> | <b>Respiratory<br/>Syncytial<br/>Virus<br/>(RSV)</b> | <b>Adeno-<br/>virus</b> | <b>Rhino-<br/>virus</b> | <b>Entero-<br/>virus</b> |   |
| <b>Week 48</b>   | <b>4</b>                  | <b>0</b>                   | <b>0</b>   | <b>0</b>                | <b>0</b>                | <b>0</b>                 | <b>20</b>   |
| <b>Season-to-Date</b>  | <b>9</b>                  | <b>2</b>                   | <b>0</b>   | <b>1</b>                | <b>0</b>                | <b>2</b>                 | <b>79</b>   |

CDC antigenically characterizes a sample of positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL).

Sources of Data: Laboratory-confirmed cases are reported to DHSS through the passive communicable disease surveillance system. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

This report may also be found on the DHSS Internet at: [www.dhss.state.mo.us/Influenza/index.html](http://www.dhss.state.mo.us/Influenza/index.html). National influenza surveillance information is available from the Centers for Disease Control and Prevention at: [www.cdc.gov/ncidod/diseases/flu/weekly.htm](http://www.cdc.gov/ncidod/diseases/flu/weekly.htm).

The Missouri Department of Health and Senior Services after hours number for reporting disease cases and emergencies is 1-800-392-0272.